

ABSTRACT OF THE DISCLOSURE

A dual clutch planetary transmission (1) having at least four planetary gear sets (P1 to P4), at least two frictional shifting elements (K1, K2) for the shifting into different power paths in a power flow, and a plurality of shape-fit, shifting elements (A, B1, B2, D, E1, E2, F) for the attainment of various ratio stages for the power paths. The frictional shifting elements (K1, K2) and the shape-fit, shifting elements (A, B1, B2, D, E1, E2, F) are so positioned between shafts (S1, ST1, HR1, S2, ST2, HR2, S3, ST3, HR3, S4, ST4, HR4) of the planetary gear sets (P1 to P4), a housing (2), a transmission input shaft (3) and a transmission output shaft (4) that gear stage change, at least in a lower gear range (1 to 6), can be accomplished free of interruption in traction. At least one of the frictional shifting elements (K1, K2) is a clutch. Further, the second planetary gear set (P2), the third planetary gear set (P3) and the fourth planetary gear sets (P4) form a 3-carrier-5-shaft transmission apparatus with separate planetary gears (PR2 to PR4), via a double planetary gear, without intermediate stages.